

Datasheet for ABIN531977

anti-Myogenin antibody (AA 30-224)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Myogenin (MYOG)
Binding Specificity:	AA 30-224
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Myogenin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Purpose:	Mouse monoclonal antibody raised against partial recombinant MYOG.
Immunogen:	Recombinant GST fusion protein corresponding to amino acids 30-224 of rat Myog.
Clone:	5FD
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified

Target Details

Target:	Myogenin (MYOG)
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Target Details

Alternative Name:	Myogenin (MYOG Products)
Gene ID:	29148
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

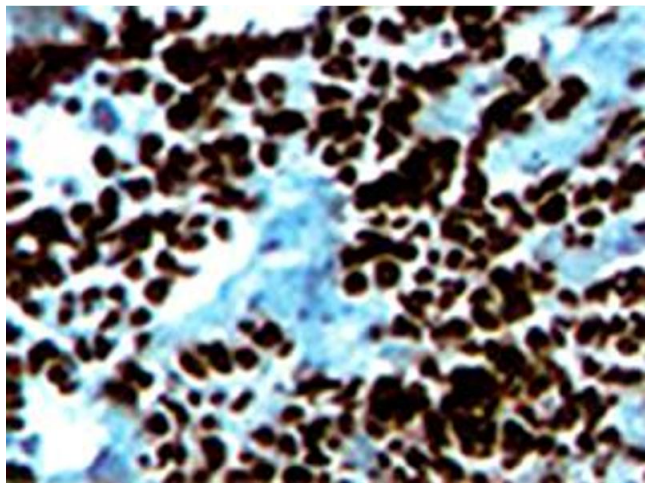
Application Notes:	The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (0.05 % BSA, 0.05 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

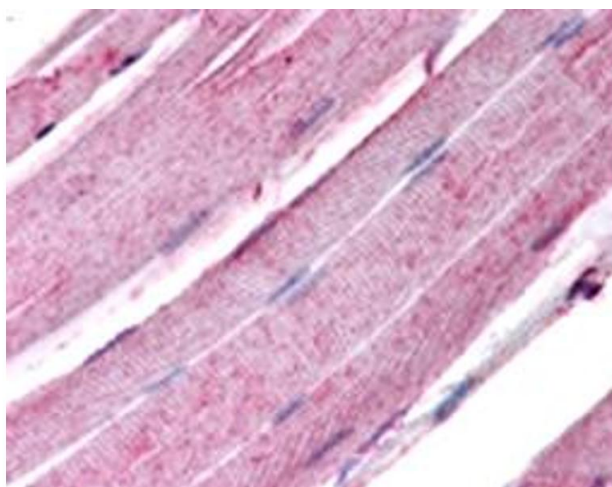
Publications

Product cited in:	Dias, Chen, Dilday, Palmer, Hosoi, Singh, Wu, Li, Thompson, Parham, Qualman, Houghton: "Strong immunostaining for myogenin in rhabdomyosarcoma is significantly associated with tumors of the alveolar subclass." in: The American journal of pathology , Vol. 156, Issue 2, pp. 399-408, (2000) (PubMed).
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Immunohistochemistry

Image 1. Immunohistochemical analysis of MYOG in a frozen tissue section of human alveolar rhabdomyosarcoma. Using MYOG monoclonal antibody, clone 5FD at 5 ug/mL .



Immunohistochemistry

Image 2. Immunohistochemical staining of MYOG in formalin-fixed, paraffin-embedded human myocytes. Using MYOG monoclonal antibody, clone 5FD at 2.5 ug/mL . Hematoxylin-eosin counterstain.